

Table 5-5. Concentration of COCs Detected in Area B Subsurface Soils

Analyte	# of Samples Collected	# of Detections	Range of Detections	Mean ^{1/} Value	Median ^{2/} Value	Standard ^{3/} Deviation
Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (ng/kg)	5	5	0.79-265.51	67.67	2.18	131.90
TCLP Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (pg/L)	1	1	7.20	na	na	na
TOC (%)	5	5	0.39-2.99	1.87	2.05	1.92
Metals (mg/kg)						
Arsenic	5	5	2 D-21 B	10.5	9.5	9.5
Barium	5	5	40-73	55	53	14.5
Cadmium	5	1	0.8 J	na	na	na
Chromium	5	5	51-112	79	76	25.1
Copper	5	5	51-68	57	54	8
Lead	5	5	4.5-28 C	11.9	7.5	10.9
Mercury	5	1	0.06 J	na	na	na
Nickel	5	5	44-61	51	49.5	7.2
Zinc	5	5	54-101	70.3	63	20.9
TCLP Metals (mg/L)	1	0	All results below MRL.			
VOCs (µg/kg)						
1,2,4-Trimethylbenzene	1	1	12.9 J	na	na	na
1,3,5-Trimethylbenzene	1	1	25	na	na	na
2-Butanone (MEK)	1	1	25	na	na	na
4-Isopropyltoluene	1	1	1.6 J	na	na	na
Acetone	1	1	320	na	na	na
Ethylbenzene	1	1	2.6 J	na	na	na
Isopropylbenzene	1	1	7.4 J	na	na	na
n-Propylbenzene	1	1	14.5 J	na	na	na
Xylenes (total)	1	1	14.6	na	na	na

Notes: TEQ = Toxicity equivalency quotient

MRL = Method reporting limit

D = The MRL is elevated because of matrix interferences and because the sample required diluting.

B = The MRL/MDL is elevated because of matrix interferences.

C = The MRL is elevated because the sample required diluting.

J = Estimated concentration.

ND = Not detected above method reporting limit

na = not applicable

1/ Sample arithmetic mean. Includes non-detect data assigned one-half the MDL.

2/ Sample median. Includes non-detect data assigned one-half the MDL.

3/ Sample arithmetic standard deviation. Includes non-detect data assigned one-half the MDL.